

Division of Solid and Hazardous Waste
P.O. Box 414 401 East State Street
Trenton, New Jersey 08625-0414
Telephone: (609) 984-6880 Telecopier: (609) 984-6874
<http://www.state.nj.us/dep/dshw>

RECYCLING CENTER GENERAL APPROVAL

Under the provisions of N.J.S.A. 13:1E-1 *et seq.* and N.J.S.A. 13:1E-99.11 *et seq.* known as the Solid Waste Management Act and the New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 *et seq.* known as the Recycling Rules, this General Approval is hereby issued to:

ATLANTIC COUNTY UTILITIES AUTHORITY

FACILITY TYPE:	Recycling Center for Class B Recyclable Materials
LOT NO.:	Portions of 5, 6, & 7
BLOCK NO.:	703
FACILITY REGISTRATION NO.:	0108001172
FACILITY TYPE:	Recycling Center for Class C Recyclable Materials
LOT NO.:	Portions of 5, 6 & 7; 1&2; 1&2; Portions of 1 & 7
BLOCK NO.:	703;605;606;607
FACILITY REGISTRATION NO.:	0108001127
MUNICIPALITY:	Egg Harbor Township
COUNTY:	Atlantic

This general approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This General Approval shall not prejudice any claim the State may have to riparian land, nor does it allow the holder to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment areas or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) Zone or subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits or approvals from the Department of Environmental Protection.

April 24, 2001
Issuance Date

Thomas Sherman
Assistant Director
Office of Permitting & Technical Programs

February 26, 2003
Modified Date

April 24, 2006
Expiration Date

Table of Contents

<u>Item</u>	<u>Page</u>
Scope of Approval	3
Regulated Activities at the Recycling Center	3
Recycling Center Description	3
Section I - General Conditions Applicable to All Recycling Centers	5
1. Duty to Comply	5
2. Duty to Post a Sign	5
3. Duty to Reapply	5
4. Approval Modifications	6
5. Approval Revocation	7
6. Transfers	7
7. Operating Record and Reporting Requirements	8
8. Conformance to District Solid Waste Management Plan	10
9. Uniform Construction Code	10
10. Right of Entry	10
Section II - General Operating Requirements	11
1. General Operating Requirements for All Recycling Centers	11
2. General Operating Requirements for Recycling Centers Receiving Wood Materials and Composting Yard Trimmings	12
Section III – Part A – Specific Conditions Applicable to the Receipt Storage and Processing of Class B Recyclable Materials at the Recycling Center	17
1. Approved Recyclable Materials	17
2. Commingling	17
3. Contaminants	17
4. By-Products	17
5. Approved Designs, Plans and Reports	17
6. Approved Operations	19
Section III – Part B – Specific Conditions Applicable to the Receipt, Storage & Processing of Class C Recyclable Materials at the Recycling Center	22
1. Approved Recyclable Materials	22
2. Commingling	22
3. Contaminants	22
4. Approved Designs, Plans and Reports	22
5. Approved Operations	23
6. Acquisition of Auxiliary Department Permits	31

Scope of Approval

This approval, along with the referenced application documents herein specified, shall constitute the sole Recycling Center General Approval for the operation of a recycling center by the Atlantic County Utilities Authority located in Egg Harbor Township, Atlantic County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid and Hazardous Waste or its predecessor agencies is hereby superseded.

This general approval does not convey any property rights of any sort, or exclusive privilege. Failure to comply with all the conditions specified herein may result in revocation of this approval and/or may result in such other regulatory or legal actions that the Department is authorized by law to institute, including but not limited to, civil and administrative penalty assessments.

This Recycling Center General Approval is a modification to the Approval issued to the facility on April 24, 2001.

February 26, 2003: The Recycling Center General Approval is modified with a new Section II for consistency with rule changes operative on December 17, 2002.

Regulated Activities at the Recycling Center

Section I of this approval contains the general conditions applicable to all recycling centers. Section II of this approval contains general operating requirements for all recycling centers for receipt, storage, processing or transfer of Class B and Class C recyclable materials. Section III of this approval is divided into two subsections, identified as Section III-Part A and Section III-Part B. Section III-Part A contains specific conditions applicable to the receipt, storage, processing and transfer of Class B recyclable materials, while Section III-Part B contains specific conditions applicable to the receipt, storage, processing and transfer of Class C recyclable materials.

Recycling Center Description

The recycling center is operated by the Atlantic County Utilities Authority as an integrated component Haneman Environmental Park. The regional recycling center will complement other waste handling/disposal technologies employed at the Environmental Park that currently include state-of-the-art landfilling and waste transfer facilities, while replacing an existing vegetative waste composting operation located within an area slated for the future landfill expansion. The recycling center is located with the boundaries of the Haneman Environmental Park at Block 703, Lots 5, 6 & 7, Block 605, Lots 1, 2 & 19, Block 606, Lots 1 & 2 and Block 607, Lots 1 & 7 in Egg Harbor Township, Atlantic County. This regional recycling center receives leaves, grass, brush, whole trees, stumps and clean wood (specifically non-painted and non-chemically treated) predominately from Atlantic County municipalities and commercial generators, and to a lesser extent from other municipalities and commercial generators from outside of Atlantic County. The recycling center is

authorized to accept and process recyclable materials Monday through Friday from 7:00 AM to 7:00 PM and on Saturday from 7:00 AM to 4:00 PM.

Class B recyclable material delivered to the recycling center will be staged in raw material stockpiles to await processing. The mulch generated by the processing activities will be publicly marketed as “EcoChips”, root mulch and brush chips. The process products may also be used as a bulking agent to facilitate composting activities also conducted at the recycling center.

Class C recyclable material delivered to the site is composted until it has reached a stable form. The compost product is subject to a screening step to remove non-compostable material that is used as an admix with soil to produce daily and/or intermediate cover for the Environmental Park’s landfilling operation. The compost generated by the process, referred to as “EcoSoil” is marketed directly to the general public or to garden centers and nurseries for commercial or residential use. The recycling center site is also utilized for finished compost storage

Section I - General Conditions Applicable to All Recycling Centers

1. Duty to Comply

Pursuant to N.J.A.C. 7:26A-3.1(a), all persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 *et seq.* shall comply with all conditions of the approval.

2. Duty to Post a Sign

Pursuant to N.J.A.C. 7:26A-3.5(f), the holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following:

Hours of operation of the recycling center;
Listing of the source separated materials to be received;
The size, weight, or other restrictions regarding materials to be received;
The maximum amount of contaminants allowed in each load;
Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and
Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form.

3. Duty to Reapply

(a) Pursuant to N.J.A.C. 7:26A-3.6(a), application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 *et seq.* One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located.

(b) Pursuant to N.J.A.C. 7:26A-3.6(b), the applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10.

- (c) Pursuant to N.J.A.C. 7:26A-3.6(c), in a case where the holder of this general approval does not comply with conditions 3(a) and (b) of this section and continues to operate without renewal of the general approval, the Department may take actions which include, but are not limited to, the following:
 - (1) Appropriate enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; and
 - (2) Require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2.
- (d) Pursuant to N.J.A.C. 7:26A-3.6(h), all persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2.

4. Approval Modifications

- (a) Pursuant to N.J.A.C. 7:26A-3.10(a), the holder of this general approval shall obtain prior approval from the Department for any modification of the general approval.
- (b) Pursuant to N.J.A.C. 7:26A-3.10(b), modifications to the general approval to operate a recycling center which require the prior approval of the Department include the following:
 - (1) Any change affecting the conditions of this general approval; and
 - (2) Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with condition 4(e) of this section.
- (c) Pursuant to N.J.A.C. 7:26A-3.10(c), the holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval.
- (d) Pursuant to N.J.A.C. 7:26A-3.10(e), the holder of this general approval shall not institute the modification until it receives written approval from the Department.
- (e) Pursuant to N.J.A.C. 7:26A-3.10(f), within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is

transferred. The written notification shall be sent to:

New Jersey Department of Environmental Protection
Division of Solid and Hazardous Waste
Office of Permitting and Technical Programs
P.O. Box 414
Trenton, New Jersey 08625-0414

5. Approval Revocation

Pursuant to N.J.A.C. 7:26A-3.13(a), the Department may revoke this general approval upon a determination that the holder of the general approval has:

- (a) Violated any provision of N.J.S.A. 13:1E-1 *et seq.*, the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 *et seq.* and the New Jersey Statewide Mandatory Source Separation and Recycling Act;
- (b) Violated any solid waste utility law at N.J.S.A. 48:2-1 *et seq.* or 48:13A-1 *et seq.*, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 *et seq.* or 48:13A-1 *et seq.*;
- (c) Violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection;
- (d) Refused or failed to comply with any lawful order of the Department;
- (e) Failed to comply with any of the conditions of this general approval issued by the Department;
- (f) Transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department;
- (g) Has failed to obtain any required permit or approval from the Department or other State or Federal agency; or
- (h) Has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.11.

6. Transfers

- (a) Pursuant to N.J.A.C. 7:26A-3.15(a), this general approval shall not be transferred to a new owner or operator without the Department's prior approval.

- (b) Pursuant to N.J.A.C. 7:26A-3.15(a)1, a written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following:
 - (1) The name, address and social security number of all prospective new owners or operators;
 - (2) A written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and
 - (3) A written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control.
- (c) Pursuant to N.J.A.C. 7:26A-3.15(a)2, a new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5.
- (d) Pursuant to N.J.A.C. 7:26A-3.15(a) 3, the holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5.
- (e) Pursuant to N.J.A.C. 7:26A-3.15(a)4, compliance with the transfer requirements set forth in this subsection shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision.
- (f) Pursuant to N.J.A.C. 7:26A-3.15(b), the transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval.

7. Operating Record and Reporting Requirements

- (a) Pursuant to N.J.A.C. 7:26A-3.17(a), the holder of this general approval shall maintain daily records of all materials received, stored, processed or transferred. Said records shall indicate, at a minimum:
 - (1) A daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons;
 - (2) The name, address and telephone number of the end-markets for all recyclable

materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons; and

- (3) The amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons.
- (b) Pursuant to N.J.A.C. 7:26A-3.17(b), the holder of this general approval shall retain the information required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which reporting is required pursuant to condition 7(c) of this section.
- (c) Pursuant to N.J.A.C. 7:26A-3.17(c), the holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to in condition 7(a) of this section to the New Jersey Department of Environmental Protection, Division of Solid and Hazardous Waste, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following:
 - (1) Monthly totals of the amount of recyclable material received from each customer by municipality of origin;
 - (2) Monthly totals of the amount of recyclable product transferred to each end-market; and
 - (3) The amount of residue disposed of during each month.
- (d) Pursuant to N.J.A.C. 7:26A-3.17(e), the holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report required at condition 7(c) of this section.
- (e) Pursuant to N.J.A.C. 7:26A-3.17(f), all information submitted to the Department pursuant to conditions 7(a) through (d) of this section shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 *et seq.* The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the

Department.

- (f) Pursuant to N.J.A.C. 7:26A-4.4 (a), the holder of this general approval shall provide a recycling tonnage report by February 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons.

8. Conformance to District Solid Waste Management Plan

Pursuant to N.J.A.C. 7:26A-4.2, the recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan.

9. Uniform Construction Code

Pursuant to N.J.A.C. 7:26A-4.1(b), the construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 *et seq.*, and the rules promulgated pursuant thereto.

10. Right of Entry

- (a) Pursuant to N.J.A.C. 7:26A-4.3(a), the New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 *et seq.* shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to:
 - (1) Sampling any materials on site;
 - (2) Photographing any portion of the recycling center;
 - (3) Investigating an actual or suspected source of pollution of the environment; and,
 - (4) Ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department.
- (b) Pursuant to N.J.A.C. 7:26A-4.3(b), the right of entry specified in condition 10(a) of this section shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during

an inspection and submitted to the Department upon request.

End of Section I

Section II - General Operating Requirements

(Modified February 26, 2003)

1. General Operating Requirements for All Recycling Centers

Pursuant to N.J.A.C. 7:26A-4.1(a), the recycling center shall be operated in compliance with the following operational standards:

- (a) All recyclable materials received, stored, processed or transferred at the recycling center shall conform to the following criteria:
 - (1) The recyclable materials shall have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials from the incoming waste stream;
 - (2) The recyclable materials shall consist only of recyclable materials which the Department has approved at Section III of this general approval, pursuant to N.J.A.C. 7:26A-3, for receipt, storage, processing or transfer at the recycling center; and
 - (3) Recyclable materials may be commingled to the extent authorized in this general approval in Section III.
- (b) Residue shall not be stored on site for a period in excess of six months;
- (c) All residue shall be removed from the recycling center site in accordance with each district's waste plan;
- (d) All residue shall be stored separately from recyclable material and in a manner which prevents run-off, leakage or seepage from the residue storage area into, on or around the soil of the residue storage area;
- (e) The operation and related activities of the recycling center shall be in conformance with all applicable Federal and State laws and regulations;
- (f) The recycling center shall be operated in such a manner that the recycling center property is maintained free of litter and debris and such that tracking of mud into nearby streets is prevented;

- (g) Traffic associated with the operation of the recycling center shall not result in an unacceptable decrease in the existing level of service described and defined in the New Jersey Department of Transportation Highway Access Management Code at N.J.A.C. 16:47 of any major intersection or public roadway within a one-half mile radius of the recycling center;
- (h) Recycling center operations shall be separated from any and all adjacent residential, commercial and/or other sensitive land uses through the establishment of an effective visual screen buffer;
- (i) The entrance to the access road shall be fenced or otherwise secured to prevent unauthorized access to the site;
- (j) To provide sufficient support for vehicles, to prevent the tracking of soil onto public roads and to minimize the generation of dust, those areas of the recycling center subject to vehicular usage shall be suitably compacted and where necessary paved; and
- (k) An adequate water supply and fire-fighting equipment shall be readily available to extinguish any fires. The telephone number of the local fire department shall be posted at the entrance to the recycling center.

2. General Operating Requirements for Recycling Centers Receiving Wood Materials and Composting Yard Trimmings

- (a) Pursuant to N.J.A.C. 7:26A-3.8(c), a fire control plan for the recycling center shall be filed with and approved by the local fire official or other person of competent jurisdiction and shall be filed with the local municipal code enforcement officer prior to operating the recycling center.
- (b) Pursuant to N.J.A.C. 7:26A-4.5(a) the recycling center shall be operated in compliance with the following:
 - (1) Operation of the recycling center shall be under the supervision and control of a properly trained individual during all hours of operation, and access to the recycling center shall be prohibited when the recycling center is closed.
 - (2) Yard trimmings shall be received only during times when the recycling center operator or owner is present.
 - (3) All yard trimmings delivered to the recycling center for processing shall be removed from bags, boxes or similar containers prior to any processing steps except that yard trimmings in biodegradable bags need not be removed from such bags if the processing equipment provides for a shredding or cutting action. All discarded bags, boxes and similar containers shall be placed in a suitable refuse receptacle in the staging area of the recycling center for removal to an off-site

disposal facility in accordance with the applicable district waste management plan.

- (4) If the incoming material contains grass, it shall be accepted only in areas of the site that are at least 1,000 feet from any areas of human use or occupancy, and processing of such material shall begin on the day of receipt.
- (5) Recycling centers which provide composting of the Class C recyclable material shall operate in accordance with the following:
 - (i) Within one year of the start up of the recycling center, the recycling center operator shall attend a composting course sponsored by the Rutgers Cooperative Extension, the appropriate county agricultural or resource management agents or any other similar course recognized by the Department.
 - (ii) Prior to windrow formation, dry yard trimmings shall be moistened with water to saturation without producing excessive runoff;
 - (iii) To facilitate drainage and to reduce surface water ponding, each windrow shall be constructed and positioned in such a manner that it is perpendicular to the contours of the ground surface;
 - (iv) A windsock shall be installed at the recycling center in order to indicate wind direction so that the recycling center operator may determine appropriate times for windrow turning operations;
 - (v) The recycling center shall follow the approved method of windrow composting defined in Section III of this general approval;
 - (vi) Finished compost shall be tested once each year, at a minimum, in accordance with monitoring and sampling plan established at Section III of this general approval. Samples of the compost produced at the recycling center shall be analyzed for the parameters listed at Table 1 at the end of this section. Results of all laboratory analysis for each parameter specified shall be recorded and maintained at the recycling center.
 - (vii) The laboratory used to perform the analysis of the finished compost product shall be certified in accordance with N.J.A.C. 7:18 for the equipment and testing procedures required;
- (6) In addition to the record-keeping requirements of N.J.A.C. 7:26A-3.17, the recycling center shall maintain the following records:
 - (i) The quantity of yard trimmings received daily, expressed as cubic yards of leaves, grass and/or brush;

- (ii) The source of yard trimmings received daily; and
 - (iii) The results of laboratory analyses of finished compost, if applicable;
 - (7) The following information shall be made available for inspection by the Department pursuant to N.J.A.C. 7:26A-4.3:
 - (i) The results of compost analyses and name(s) of certified laboratory(ies), if applicable;
 - (ii) The quantity, type and source of incoming material;
 - (iii) The quantity and types of recovered recyclables;
 - (iv) The quantity of disposed residue, and sites receiving residue; and
 - (v) The standard procedures employed to ensure data reliability.
 - (8) The recycling center shall submit to the Department within one year of receipt of its general approval to operate, a final closure plan containing a schedule and description of the steps necessary to close the recycling center including the estimated cost of closure and a description of the means by which the closure will be financed.
 - (9) The recycling center shall notify the Department in writing at least 60 days prior to the proposed closure date for the recycling center.
 - (10) The recycling center shall publish a notice of closure in a newspaper of general circulation in the district where the recycling center is located and in districts or communities sending at least 25 percent of their yard trimmings to the recycling center. Such notice shall be published at least 15 days prior to closure.
 - (11) Within 30 days of ceasing operation, all residuals, unprocessed yard trimmings, and recyclables shall be removed from the site and recycled or disposed as appropriate.
 - (12) The Department shall determine that a recycling center is considered closed when all the requirements of the closure plan have been met.
- (b) Pursuant to N.J.A.C. 7:26-4.5(c), any compost produced by the recycling center shall be subject to the following:
- (1) Compost given away or offered for sale by the recycling center must contain a label describing the recommended safe uses and application rates, and restrictions, if any, on use of the product. If compost is offered for bulk sale, signs or printed literature containing the above information shall be available on the bill of lading to the purchaser or persons receiving the compost.

- (2) Compost given away or offered for sale shall satisfy the general requirements established at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3).

Table I

COMPOST QUALITY MONITORING PARAMETERS

<u>Parameter</u>	<u>Unit</u>	<u>Method</u>
Stability or Maturity		O ₂ Consumption, CO ₂ Respiration, DeWars Self Heating Test, or Other Approved by Department
Soluble salts		Electrical Conductivity
pH		
Regulated parameters:		
Arsenic (As)	mg/kg dry wt.	
Cadmium (Cd)	mg/kg dry wt.	
Chromium (Cr)	mg/kg dry wt.	
Copper (Cu)	mg/kg dry wt.	
Lead (Pb)	mg/kg dry wt.	
Mercury (Hg)	mg/kg dry wt.	
Molybdenum (Mo)	mg/kg dry wt.	
Nickel (Ni)	mg/kg dry wt.	
Selenium (Se)	mg/kg dry wt.	
Zinc (Zn)	mg/kg dry wt.	
Man-Made Inerts > 4 mm and < 13 mm	percent by volume	Sieve Analysis
Film plastic > 4 mm	cm ² /m ³	Sieve Analysis

Notes:

1. Man-made inert material includes glass shards and metal fragments that pose a human and animal safety hazard with unprotected exposure or through direct ingestion.
2. Film plastic can be a potential hazard to small animals through direct ingestion.

End of Section II

Section III – Part A – Specific Conditions Applicable to the Receipt Storage and Processing of Class B Recyclable Materials at the Recycling Center

1. Approved Recyclable Materials

The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this recycling center:

Wood (specifically non-chemically treated and unpainted)
Trees
Stumps
Brush

At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval.

2. Commingling

The recycling center may receive, store, process, or transfer source separated wood (specifically non-chemically treated and unpainted), trees, stumps and brush separately or in a commingled manner. The commingling of any other Class B recyclable materials not described above is prohibited.

3. Contaminants

The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants.

4. By-Products

Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in Section III of this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval.

5. Approved Designs, Plans and Reports

- (a) The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 *et seq.*, the conditions of this general approval, and the following general

approval application documents, which are incorporated herein by reference:

- (1) Site Plan; prepared and sealed by Eugene L. Petitt, Drawing SP-2, dated February 18, 2000, last revised September 15, 2000.
 - (2) Additional Plans; prepared and sealed by Eugene L. Petitt, Drawing SP-1, dated September 15, 2000, Drawings K-1, V-1 and V-2, dated March 13, 2000.
 - (3) ACUA; Application for Recycling Center Approval at the ACUA Vegetative Composting Facility, signed by Richard S. Dovey, President, ACUA, dated September 29, 1992.
 - (4) ACUA, Letter and attachments, signed by Elizabeth A. Terenik, ACUA, dated December 22, 1992.
 - (5) ACUA, Letter, unsigned, dated March 21, 2000.
 - (6) ACUA, Modification request, signed by James M. Rutala, Vice President, ACUA, dated March 31, 2000.
 - (7) ACUA, Letter and attachment, signed by James M. Rutala, Vice President, ACUA, dated March 31, 2000.
 - (8) ACUA, Response to the Department's June 29, 2000 NOD, signed by James M. Rutala, Vice President, ACUA, dated August 21, 2000.
 - (9) ACUA, Response to the Department's November 2, 2000 NOD, signed by James M. Rutala, Vice President, ACUA, dated November 6, 2000.
 - (10) ACUA, Letter and attachment, signed by James M. Rutala, Vice President, ACUA, dated November 27, 2000.
 - (11) ACUA, Response to the Departments December 14, 2000 NOD, signed by James M. Rutala, Vice President, ACUA, dated January 5, 2001.
- (b) In case of conflict, the conditions of this approval shall have precedence over the general approval application documents listed above and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs.
- (c) One complete set of the general approval application documents listed in conditions 5(a)(1) through 5(a)(11) above, this general approval, and all records, reports including the information required at condition 7(a) of Section I and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials.

6. Approved Operations

(a) Hours of Operation

Hours of operation for receiving, storing, processing, or transferring the source separated recyclable material specified in condition 1 of this section above shall be limited to:

7:00 AM to 7:00 PM Monday through Friday
7:00 AM to 4:00 PM Saturday.

(b) Material Deliveries

Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads.

(c) Maximum Daily Capacity

The recycling center may receive no more than 130 tons per day of the Class B recyclable materials specified in condition 1 of this section.

(d) Maximum Weekly Capacity

The recycling center may receive no more than 780 tons per week of the Class B recyclable materials specified in condition 1 of this section.

(e) Equipment Requirements

- (1) The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

Powerscreen Model 620 Trommel Screen
Mack Roll-Off Truck E-7-300 (40 yard open top cargo hold)
Mack Tri-Axle Chassis Truck E-7-300-tech-1950 (25 yard capacity)
966 Catpillar Front-End Loader (7 yard bucket)
621 Case Front-End Loader (2 yard bucket)
PC 200-6 Komatsu Grapple
843 Bob Cat (2 yard bucket)
Morbark 1300 Tub Grinder

- (2) Requisite recycling center operations shall not be delayed or neglected for lack of required equipment or for equipment downtime.

(f) Unprocessed Material Storage

- (1) The total amount of unprocessed Class B recyclable material stored on-site shall not exceed 15,369 cubic yards. Unprocessed materials stored on-site shall be

stored only in the areas designated on the approved site plan drawing as clean wood processing area, brush processing area and stump processing area.

- (2) If at any time, the amount of unprocessed material stored on-site exceeds 15,369 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of unprocessed material stored on-site falls below 15,369 cubic yards.
- (3) A ten (10) foot fire access lane shall be maintained between stockpile areas.
- (4) Unprocessed recyclable material shall not remain on-site, in its unprocessed form, for more than one (1) year.

(g) Processed Materials Storage

- (1) The total amount of processed Class B recyclable materials stored on-site shall not exceed 2,749 cubic yards. Processed material shall be stored only in the areas designated on the approved site plan drawing as clean wood product storage and ground brush/stump storage.
- (2) If at any time, the amount of processed Class B material stored on-site exceeds 2,749 cubic yards, the recycling center shall immediately cease processing activities until the amount of processed material falls below 2,749 cubic yards.
- (3) A ten (10) foot access lane shall be maintained between stockpile areas.
- (4) All processed material shall be stored separately from residues.

(h) By-Products Storage

By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents.

(i) Horizontal and Vertical Controls

- (1) Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation heights of 15 feet above the existing grade for the unprocessed stockpile areas and 15 feet above the existing grade for the processed stockpile areas.
- (2) Metal pipe or metal rods or the equivalent as approved by the Department shall be used to establish these control points. Within approximately thirty (30) days of the acceptance date of this Approval, a joint site inspection shall be held at the

facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers.

(j) Site Access

Ingress and egress of the facility shall be restricted to Doughty Road only.

(k) Dust Control

Methods of effectively controlling dust shall be implemented at the recycling center in order to prevent off-site migration.

(l) Fire Protection & Emergency Response

Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and within twenty-four (24) hours report the incident to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337.

(m) Hazardous Waste

Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel.

(n) Increase in Design Capacity

Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district.

End of Section III-Part A

Section III – Part B – Specific Conditions Applicable to the Receipt, Storage & Processing of Class C Recyclable Materials at the Recycling Center

1. Approved Recyclable Materials

The following yard trimmings may be received and processed to produce compost at this recycling center:

- Leaves
- Grass Clippings
- Wood Chips
- Brush mixed with grass clippings

2. Commingling

The listed materials may be received in a commingled manner.

3. Contaminants

The maximum amount of contaminants allowed for each load of recyclable materials shall be limited to 1% by volume. The term contaminants in this document shall mean any material that is not included in the Approved Recyclable Materials list identified at condition 1 of Section III. Loads of material received at the recycling center containing greater than 1% percent by volume contaminants shall not be accepted for processing at the facility and shall be directed off the facility site

4. Approved Designs, Plans and Reports

(a) The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 *et seq.*, the conditions of this general approval, and the following general approval application documents, which are incorporated herein by reference:

- (1) “Atlantic County Utilities Authority General Approval Application Class B and Class C Permits – Vegetative Materials Composting Facility” operating under Solid Waste Facility Permit #0108001127, dated March 31, 2000 (includes a seven drawing attachment, revised in subsequent submittals).
- (2) “Atlantic County Utilities Authority General Approval Application –Technical Review for a Class B & C Recycling Center (Yard Waste Composting Facility) I.D. #0108001127”, dated September 27, 2000.
- (3) The following full-size drawings prepared by Eugene L. Pettitt, N.J.P.E.:

Dwg. Sheet SP-1, Cover Sheet, Revision, dated September 15, 2000.

Dwg. Sheet SP-2, Site Plan, Revision, dated September 15, 2000.

Dwg. Sheet SP-3, Site Plan, Revision, dated September 13, 2000.

Dwg. Sheet SP-4, Miscellaneous, Revision, dated September 15, 2000.

Dwg. Sheet No. K-1, ACUA Compost Site Key Map, dated March 13, 2000.

Dwg. Sheet No. V-1, ACUA Compost Site Vicinity Map, dated March 13, 2000.

Dwg. Sheet No. V-2, ACUA Compost Site Vicinity Map, dated March 13, 2000.

- (b) In the case of conflict, the conditions of this approval shall have precedence over the general approval application documents listed above and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs.
- (c) One complete set of the general approval application documents listed in conditions 4(a)(1) through (3) of this section above, this general approval, and all records, reports including the information required at condition 7(a) of Section I and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials.

5. Approved Operations

(a) Hours of Operation

All recycling center operations shall be limited to the following schedule:

Monday – Friday 7:00 AM to 7:00 PM

Saturday 7:00 AM to 4:00 PM

(b) Material Deliveries

Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads.

(c) Equipment Requirements

- (1) The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

SCAT 483-B Windrow Turner
Powerscreen Model 620 Trommel Screen
Mack Roll-Off Truck E-7-300 (40 yard open top cargo hold)
Mack Tri-Axle Chassis Truck E-7-300-tech-1950 (25 yard capacity)
966 Catapillar Front-End Loader (7 yard bucket)
621 Case Front-End Loader (2 yard bucket)
PC 200-6 Komatsu Grapple
843 Bob Cat (2 yard bucket)
Morbark 1300 Tub Grinder

- (2) Requisite recycling center operations shall not be delayed or neglected for lack of required equipment or for equipment downtime.

(d) Operating Area Maintenance

- (1) Those areas of the site subject to vehicular usage shall be maintained suitably graded and compacted, and when necessary re-surfaced, to provide ample vehicular support in all weather conditions that allows operating equipment to perform all operational requirements contained in this General Approval.
- (2) Site grading (and any future re-grading) shall be performed in accordance with the recycling center's Soil Erosion and Sediment Control Plan issued by the Atlantic County Soil Conservation District. The composting area, related material staging/processing/mixing/handling areas and access roads (found at both the primary and alternate composting sites) shall be maintained for the life of the recycling center in a manner that prevents the accumulation or ponding of surface water.

(e) Incoming Materials Inspection and Handling

Materials staging, inspection and processing shall be conducted only in areas designated for such staging, inspection and processing shown on the approved site plans listed in condition 4 of this section. Each load of material brought to the recycling center for processing shall be inspected in accordance with the inspection procedures outlined in the "Atlantic County Utilities General Approval Application – Technical Review for a Class B & C Recycling Center I.D. #0108001127", dated September 27, 2000 referenced in condition 4 of this section. The inspection procedures outlined specifies that all contaminants shall be removed and placed in refuse receptacles positioned at the recycling center for eventual removal to the onsite sanitary landfill for disposal. Material loads containing unacceptable amounts of contaminants will not be accepted for processing at the recycling center. After the inspection of the incoming material, windrow formation, grass processing and size reduction operations must adhere to the following:

- (1) Incoming loads of leaves shall be directed to the leaf handling area. Here the unloaded leaves shall be spread and wetted (as needed) before being

windrowed. After pre-processing in the leaf handling area leaves shall be transferred by front-end loader to either the grass handling area for mixture with incoming grass clippings, or to the windrow area for windrowing.

- (2) Incoming loads of grass clippings, or grass clippings commingled with leaves and/or wood chips, shall be directed specifically to the grass handling area as depicted on “Site Plan – Drawing SP-2” for mixing. Grass clippings or grass clippings commingled with other vegetative matter shall be removed from the grass handling area and windrowed within the working day of receipt at the recycling center.
- (3) Incoming loads of grass clippings mixed with brush shall be directed to the grass handling area for grinding. The material shall be ground within the working day of receipt.

(f) Windrow Management

(1) General Operations

Windrow construction and reconstruction shall be conducted within the confines of the designated primary and alternate areas identified on the approved site plans SP-2 and SP-3 listed at condition 4 of this section. Expansion of activities beyond the designated areas is prohibited without prior Department approval. The total length of all windrows at the primary site (see Site Plan SP-2) at any given time shall not exceed 5,810 linear feet (approx. 21,000 cubic yards). The total length of windrows at the alternate site (see Site Plan SP-3) at any given time shall not exceed 8,750 linear feet (approx. 31,000 cubic yards).

(2) Leaf and/or Wood Chip Windrow Operation

- (i) Upon acceptance, leaves as described at 5(e)(1) of this section, and wood chips shall be placed in windrows. Windrows shall be constructed (and reconstructed if necessary after turning) to a maximum height of eight (8) feet with a corresponding base not to exceed a maximum of twenty (20) feet in width.
- (ii) Leaf and/or wood chip windrows shall be turned with the SCAT 483-B windrow turner listed at condition 5(c) of this section.
- (iii) Ample working space shall be maintained between windrows for turning purposes. A minimum separation of sixteen (16) feet working distance measured from the pile base to the next adjacent pile’s base shall be provided to permit movement of turning equipment.
- (iv) After initial formation, windrows shall be turned and reconstructed a minimum of once a week for the first month. Further turnings shall be

scheduled to prevent temperatures from exceeding 140°F and to prevent oxygen levels from dropping below five (5) percent.

(3) Grass Mixing

Four (4) methods of mixing are permitted at the recycling center. Resulting mixed material from the following scenarios shall be placed into windrows within the working day of mixing:

- (i) Grass clippings and commingled loads containing grass clippings and leaves as described at condition 5(e)(2) of this section shall be mixed with partially decomposed leaves and/or partially decomposed wood chips within the working day of receipt at the recycling center. Mixing shall occur at a ratio of one (1) part of grass clippings or commingled grass clippings and leaves to not less than three (3) parts of partially decomposed leaves and/or partially decomposed wood chip material.
- (ii) The resulting ground material as described at condition 5(e)(3) of this section shall be mixed with partially decomposed leaves and/or wood chips within 24 hours of the size reduction step. Mixing shall occur at a ratio of one (1) part of ground material to not less than three (3) parts of partially decomposed leaves and /or partially decomposed wood chips.
- (iii) Grass clippings and commingled loads containing grass clippings and leaves as described at condition 5(e)(2) of this section shall be mixed with wood chips within the working day of receipt at the recycling center. Mixing shall occur at a ratio of one (1) part of grass clippings or commingled grass clippings and leaves to not less than five (5) parts of wood chip material.
- (iv) The resulting ground material as described at condition 5(e)(3) of this section shall be mixed with wood chips within 24 hours of the size reduction step. Mixing shall occur at a ratio of one (1) part of ground material to not less than five (5) parts of wood chip material.

(4) Mixed Windrow Operation

- (i) Mixed windrows shall be constructed to a maximum height of eight (8) feet with a corresponding base not to exceed a maximum of twenty (20) feet in width.
- (ii) Mixed windrows shall be turned with the SCAT 483-B.
- (iii) Ample working space shall be maintained between windrows for turning purposes. A minimum separation of sixteen (16) feet working distance measured from the pile base to the next adjacent pile's base shall be provided to permit movement of turning equipment.

- (iv) After initial formation, windrows shall be turned and reconstructed a minimum of once a week for the first month. Further turnings shall be scheduled to prevent temperatures from exceeding 140°F and to prevent oxygen levels from dropping below five (5) percent.

(g) Screening

(1) Initial Screening

- (i) When the holder of the general approval determines that material in windrows has reached steady state conditions based on results of temperature and oxygen monitoring (approximately a nine-month term), the stabilized windrow material shall be subject to primary screening by means of the Powerscreen Model 620 Trommel located in the screening area.
- (ii) Material passing through the 3/8-inch screen openings is considered compost product, and is subject to further processing on site in that form.
- (iii) Windrow material retained on the 3/8-inch screen surface is considered intermediate product and is subject to a second composting cycle. Intermediate product shall be staged/stored in the intermediate byproduct processing area, where it will be subject to a second size reduction cycle. The Morbark 1300 Tub Grinder shall be used to size reduce the intermediate product. Following secondary size reduction, the intermediate product shall be windrowed in accordance with procedures outlined in condition 5(f) of this section. Intermediate product shall be windrowed within thirty (30) days following primary screening, and no more than 500 cubic yards of intermediate product can be stockpiled on the facility site at any given time.

(2) Secondary Screening

- (i) When the holder of the general approval determines that the intermediate material undergoing a second compost cycle has reached steady state conditions in the designated windrows based on results of temperature and oxygen monitoring (approximately a six-month term), the stabilized intermediate material will be subject to a secondary screening step. Screening will be conducted by means of the Powerscreen Model 620 Trommel located in the screening area.
- (ii) Re-composted intermediate material passing through the 3/8-inch screen openings is considered compost product, and is subject to further processing on site in that form.
- (iii) Re-composted intermediate material retained on the 3/8-inch screen surface is considered beneficial product, subject to further processing off-site as an admix with soil for use as intermediate and/or daily cover at the Atlantic County Utilities Authority Sanitary Landfill. The beneficial product shall be

temporarily stored in a single roll-off container positioned in the intermediate byproduct processing area. As the roll-off container reaches capacity, it shall be removed from the site and replaced, ensuring beneficial product inventory is minimized.

(h) Curing

Screened compost product shall be subject to a curing step as is deemed necessary by the holder of the general approval. Curing piles are restricted to a maximum height of twelve (12) feet and a maximum width of twenty-four feet. Compost product curing shall be restricted to the curing/stockpile/screening areas, designated for that purpose on the approved site plan drawings, and shall not exceed a ten (10) month period of time.

(i) Finished Compost

Finished compost may be stock piled only in those locations identified on the approved site plan.

(j) Product Monitoring & Sampling Plan

The compost product monitoring and sampling plan shall consist of the following:

- (1) At a minimum one sample of compost product of sufficient size and of equal proportion shall be collected for every 1,000 cubic yards compost product generated.
- (2) A maximum of ten (10) samples may be composited into a single representative sample that shall be placed in a non-metallic container and thoroughly mixed.
- (3) A minimum of two (2) subsamples of sufficient size and of equal proportion shall be extracted from the representative sample and placed in clean plastic containers. The containers shall then be sealed. One subsample shall be sent to a laboratory for analysis. The laboratory used to perform analysis shall be certified in accordance with N.J.A.C. 7:18. The second subsample shall be retained at the site so that the Department may conduct follow-up analysis when necessary. The subsample shall be clearly marked for identification and proper preservation techniques shall be employed. The subsample shall be retained for a period of 180 days from the date the sample is transferred to the laboratory for analysis.
- (4) The holder of the general approval results shall submit a copy of the analytical results to the following address within ten (10) days of receipt.

New Jersey Department of Environmental Protection
Division of Solid and Hazardous Waste
Office of Permitting and Technical Programs
P.O. Box 414
Trenton, New Jersey 08625-0414

- (5) Finished compost shall remain on site until the associated analytical results are received by the facility and a determination is made whether the finished product meets the required criteria set forth at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3).
- (6) Material sampling methods, sample preservation requirements, sample handling times and decontamination procedures for field equipment shall conform to applicable industry methods as specified in the NJDEP's "Field Sampling Procedures Manual."

(k) Operations Monitoring

- (1) The holder of this general approval shall maintain a facility operations journal, which shall include the following:
 - (i) Date;
 - (ii) Sketch of the site including windrows, piles in the screening area awaiting either primary or secondary screening (individually identified), piles of intermediate product awaiting windrowing, compost curing piles, finished product stockpiles, beneficial product and residue storage container locations;
 - (iii) Identification of windrows that have been turned and/or reconstructed each day;
 - (iv) Identification of windrows where grass clippings were mixed on any given day;
 - (v) Identification of windrows where wood chips, as intermediate product, are undergoing a second compost cycle;
 - (vi) Person(s) responsible for journal entry;
 - (vii) Name(s) of operator(s);
 - (viii) A general description of any and all activities at the site including, but not limited to:
 - (A) Regrading;
 - (B) Size reduction (primary and secondary)
 - (C) Windrow and pile construction, turning and maintenance;
 - (D) Screening (both primary & secondary);
 - (E) Intermediate product/ secondary composting;
 - (F) Beneficial product generation/handling (production in cubic yards);
 - (G) Distribution of finished compost (in cubic yards); and
 - (H) Results of any laboratory analysis for finished compost.
- (2) At a minimum, the following activities shall be performed and recorded in the

facility operations journal:

- (i) Inspect the site weekly for ponded water and rut formation and record findings;
 - (ii) Inspect the site periphery weekly for discharge of leachate and record findings;
 - (iii) Measure windrow core temperature in accordance with the following, and record the results:
 - (A) One (1) randomly selected location for every one hundred (100) feet of windrow each week for every windrow.
 - (B) One (1) randomly selected location for every one hundred (100) feet of windrow with grass clippings each day for thirty (30) days. After thirty (30) days the measurements shall be taken weekly.
 - (C) Measure windrow core oxygen concentrations at one (1) randomly selected location for every one hundred (100) feet of windrow on those windrows with grass clippings, and record the results. Measurements shall be taken once each week for four (4) weeks after mixed windrow construction.
 - (iv) Inspect the surrounding area daily (Monday through Saturday) in the vicinity of the facility operation to detect off-site odors emanating from the facility.
 - (v) Record prevailing wind direction during each day windrow turning activities are conducted.
- (3) The holder of this general approval shall retain the facility operations journal at the facility for a period of five (5) years. Data collected shall be maintained on site and made available for NJDEP personnel inspection. Also, data collected shall be forwarded to the Department upon request.

(l) Residue

Residue, being the material that evolves from the processing of source separated recyclable material and is subsequently subject to disposal, inclusive of contaminants as well as any beneficial product for which an acceptable use cannot be found, shall not exceed 1% by volume of the total yard trimmings accepted during the year the material containing that residue was received. For the purpose of definition, the year shall start with the first day of the fall season on which leaves are received and shall end on the same day in the following year.

(m) Dust Control

Methods of effectively controlling dust shall be implemented at the recycling center in order to prevent off-site migration.

(n) Horizontal Controls

Horizontal control points for all operational areas shall be established and maintained on site. Permanent horizontal limitation markers shall be set at the corners of the various operational areas as depicted on the approved site plans. Within thirty (30) days from the date of issuance of this general approval, a joint inspection between the holder of the general approval and representatives of the Department shall be scheduled by the holder of the general approval for the purpose of establishing the locations of the markers.

(o) Fire Protection & Emergency Response

Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and within twenty-four (24) hours report the incident to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337.

6. Acquisition of Auxiliary Department Permits

Within thirty (30) days from the date of issuance of this general approval, the holder of this general approval shall submit a copy of the valid and updated "Permit to Construct, Install or Alter Control Apparatus or Equipment and Certificate to Operate Control Apparatus or Equipment" issued by the Department's Bureau of New Source Review for the operation of the facility's Morbark Model 1300 tub grinder.

End of Section III-Part B